

Title (en)

METHOD FOR CONCENTRATING AND ISOLATING BIOMOLECULES OR VIRUSES

Title (de)

VERFAHREN ZUR ANREICHERUNG UND ISOLIERUNG VON BIOMOLEKÜLEN ODER VIREN

Title (fr)

PROCÉDÉ PERMETTANT D'ENRICHIR ET D'ISOLER DES BIOMOLÉCULES OU DES VIRUS

Publication

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Application

EP 09742154 A 20090508

Priority

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Abstract (en)

[origin: WO2009135936A1] The object of the invention is a simple method for concentrating biomolecules (such as proteins or nucleic acids) from a sample for subsequent isolation of the biomolecules and alternatively sensitive detection. The method comprises the following steps: a) adding an aqueous solution of a salt of a polyuronic acid to the sample; b) adding a substance which induces gel formation / pellet formation of the polyuronic acid; c) mixing the sample and brief incubation; d) subjecting the sample to centrifugation and removing the supernatant; e) dissolving the pellet or gel piece; f) isolating the biomolecules in a known fashion. The preferred salt used is alginate.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

MITTAL S K ET AL: "Immunization with DNA, adenovirus or both in biodegradable alginate microspheres: effect of route of inoculation on immune response", VACCINE, ELSEVIER LTD, GB, vol. 19, no. 2-3, 15 September 2000 (2000-09-15), pages 253 - 263, XP027321944, ISSN: 0264-410X, [retrieved on 20000915]

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DE102022125783A1; WO2024074271A1; DE102022125807A1; WO2024074274A1; DE102022130567A1; WO2023089078A1

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